

# Converting Colors

Hex(E960CD)

Have a look what the booklet for  
Hex(E960CD) contains.

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**Color**

**Hex(E960CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E960CD
RGB	233, 96, 205
RGB Percent	91%, 38%, 80%
CMY	0.0863, 0.6235, 0.1961
CMYK	0.00, 0.59, 0.12, 0.09
HSL	312°, 76%, 65%
HSV	312°, 59%, 91%
XYZ	48.8066, 30.0972, 60.9945
YIQ	149.3890, 46.6630, 62.9430

# Conversions

## Conversions Part 2

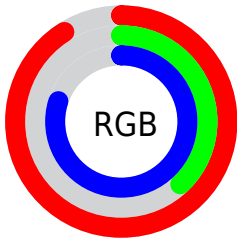
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 96, 205
Decimal	15294669
CIE <sub>Lab</sub>	61.74, 65.31, -30.84
CIE <sub>LCh</sub>	62, 72.227, 334.725
Yxy	30.0972, 0.3489, 0.2151
Android (android.graphics.Color)	4293484749 (0xFFE960CD)
YUV	149.3890, 27.4162, 73.3268
Hunter-Lab	54.8609, 62.7947, -27.5163

# Details

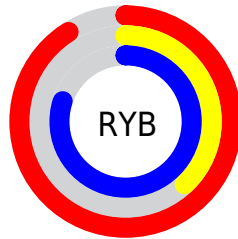
The Hex color **E960CD** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **60E97C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF99FF**, and **AE2196** is the 20% darker color. If you saturate the color by 10%, you get **E949C8**, and if you desaturate by 10%, it is **E977D2**.

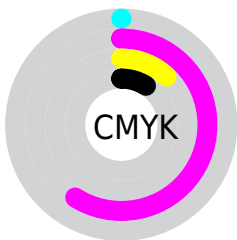
# Distribution



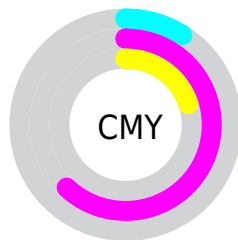
- Red (91%)
- Green (38%)
- Blue (80%)



- Red (91%)
- Yellow (38%)
- Blue (80%)



- Cyan (0%)
- Magenta (59%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (62%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E960CD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E960CD by changing the saturation by 10% instead.



 E960CD

 E960CD

FFFFFF

 CB43B1

 FF99FF

 AE2196

 FFB6FF

 92007C

 FFD3FF

 750063

 FFF0FF

 5A004B

 400034

 24001E

 000000

 E960CD

 E960CD

 E949C8

 E977D2

 E931C3

 E98FD7

 E91ABF

 E9A6DB

 E903BA

 E9BDE0

 E900B9

 E9D4E5

 E9ECEA

 E9FFEE

 E9FFF3

 E9FFF8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A17FFF



E960CD



FF508E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E960CD



AA9600



00B1DD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E960CD



60E97C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00B29E



E960CD



67A618

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



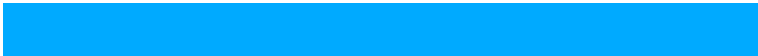
E960CD



DD7D12



00AF5B



00AAFF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E960CD



FF5864



00AF5B



00B2C9



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E960CD



FFD1F6



7B60E9



80637A



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E960CD



FF4ADA



E96089



756A73



B50090



36002B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E960CD



FF4ADA



60E9C0



756A73



B50090



36002B



# Previews

## White Background



This preview shows how the Hex color E960CD looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E960CD Background



This preview shows how black text looks on a background with the Hex color E960CD.

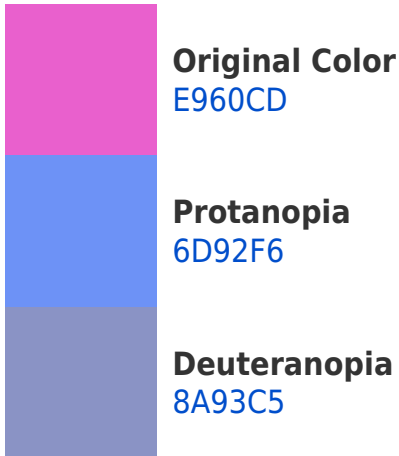


This preview shows how white text looks on a background with the Hex color E960CD.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

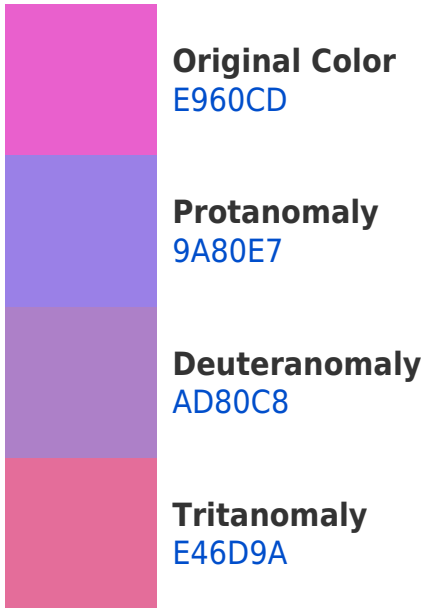
## Dichromacy





**Tritanopia**  
E1747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E960CD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E960CD looks like.

```
.text, #text, p{  
    color:#E960CD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E960CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E960CD
}
```

## Border

The CSS property to change the border of an element to Hex E960CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E960CD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E960CD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E960CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E960CD; -webkit-box-shadow:4px 4px  
4px 4px #E960CD; box-shadow:4px 4px 4px  
4px #E960CD }
```

# Background

The CSS property to change the background color of an element to Hex E960CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E960CD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E960CD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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